

WHAT IS CLAIMED IS:

1. A wrench capable of clamping a screwed member and preventing the screwed member from slipping out of a socket of the wrench and permitting the screwed member to pass through the socket, said wrench comprising:

a stem having a head section at one end of the stem;

a polygonal socket formed in the head section, the socket having multiple inner angles for fitting onto the screwed member;

a substantially C-shaped resilient ring having two ends, the resilient ring being resiliently closable and openable between a closed state and an expanded state to change the diameter of the resilient ring, the resilient ring being disposed at the head section to overlap the circumference of the socket, one end of the resilient ring being a fixed end pivotally disposed at the head section, while the other end of the resilient ring being a movable end; and

a controlling switch pivotally disposed at the head section and movable between a first position and a second position, the controlling switch being pivotally connected with the movable end of the resilient ring, whereby when operating the controlling switch, the resilient ring is driven to expand or close, in the closed position, the resilient ring obstructing at least one

inner angle of the socket, in the expanded position, the resilient ring freeing the inner angle without obstructing the same.

2. The wrench as claimed in claim 1, wherein in normal state, the resilient ring keeps in the closed position.
3. The wrench as claimed in claim 1, wherein in normal state, the resilient ring keeps in the expanded position.
4. The wrench as claimed in claim 1, wherein an annular groove is formed on the circumference of the socket and the resilient ring is disposed in the annular groove.
5. The wrench as claimed in claim 4, wherein in normal state, the resilient ring keeps in the closed position and a gap is defined between the outer circumference of the resilient ring and the circumference of the annular groove.
6. The wrench as claimed in claim 4, wherein in normal state, the resilient ring keeps in the expanded position.
7. The wrench as claimed in claim 4, wherein the head section is formed with a slot passing through the circumference of the head section to the socket, the controlling switch being pivotally disposed in the slot.

8. The wrench as claimed in claim 4, wherein the resilient ring is adjacent to one end of the head section, an end face of the end of the head section being formed with a recess in which the controlling switch is disposed.
9. The wrench as claimed in claim 1, wherein the controlling switch is a bar member, an inner end of the controlling switch being pivotally connected with the movable end of the resilient ring, an outer end of the controlling switch being exposed to outer side of the head section.
10. The wrench as claimed in claim 1, wherein the controlling switch is a rotary switch, an inner circumference of the controlling switch being pivotally connected with the movable end of the resilient ring.
11. The wrench as claimed in claim 1, wherein the resilient ring and the controlling switch are pivotally disposed at one end of the head section.
12. The wrench as claimed in claim 1, wherein the head section is formed with a through hole in which a ratchet wheel is pivotally disposed, the socket being formed in the ratchet wheel, a detent being disposed in the head section for engaging with the ratchet wheel for one-way driving the screwed member.
13. The wrench as claimed in claim 12, wherein the circumference of

the through hole is formed with an annular groove at one end of the ratchet wheel, the resilient ring being disposed in the annular groove.

14. The wrench as claimed in claim 12, wherein the resilient ring and the controlling switch are pivotally disposed at one end of the head section.

15. A wrench capable of clamping a screwed member and preventing the screwed member from slipping out of a socket of the wrench and permitting the screwed member to pass through the socket, said wrench comprising:

a stem having a head section at one end of the stem;

a polygonal socket formed in the head section, the socket having multiple inner angles for fitting onto the screwed member;

a resilient ring which is resiliently closable and openable to change the diameter of the resilient ring, the resilient ring being pivotally disposed at the head section to overlap the circumference of the socket; and

a controlling switch pivotally disposed at the head section and connected with the resilient ring, the controlling switch being operable to drive the resilient ring between a closed position and an expanded position, in the closed position, the

resilient ring obstructing at least one inner angle of the socket, in the expanded position, the resilient ring freeing the inner angle without obstructing the inner angle.